

**AMENDMENTS TO THE CLAIMS:**

**Listing of Claims:**

This listing of claims replaces all previous listings of claims in the application.

Claims 1-9 (Cancelled)

10. (**Currently Amended**) A machine with a rotary piston mounted between ~~at least one sidewall~~ two sidewalls and a curved circumferential wall of a cylinder, the rotary piston being mounted in both a rotating way around two parallel axes of rotation, which are normal to the sidewall of the cylinder, and in a sliding way in two directions normal to the axes of rotation and to one another, wherein

the rotary piston is supported by sliding means on ~~[[a]]~~ guide ~~[[ring]]~~ rings, the guide ~~ring~~ pivots rings pivot in the sidewall in a rotating way around the axes of rotation, the guide ~~[[ring]]~~ rings having a bore; and

a supporting shaft passing through the bore of the guide ~~[[ring]]~~ rings, wherein the rotary piston is supported on the supporting shaft for a sliding movement normal to the axes of the supporting shaft ~~[[and]]~~ or in a rotating way on a supporting eccentric member connected with the supporting shaft.

11. (Previously Presented) A machine with a rotating piston, according to claim 10, wherein

the space of the sliding element created for movement of the guiding ring is connected with vents for entry and outlet of lubricant and/or coolant.

12. (Currently Amended) A machine with a rotating piston, according to claim 10, wherein  
the guide ~~ring~~ has rings have an end disinclined from the rotating piston, the end of the  
guide ~~ring~~ has rings have a recess with an inner guiding surface, the inner guiding surface being  
arranged vertically to the sliding means,

whereas a guide element is fitted in a sliding way in the inner guiding surface, the guide  
element being pivoted in a rotating way in the eccentric member of the supporting shaft, and the  
eccentric member and the supporting cylindrical eccentric being mutually turned with respect to  
one another by 180°.

13. (Currently Amended) A machine with a rotating piston, according to the claim 10,  
wherein  
the rotating piston is provided with an inboard sliding element having the sliding means for  
sliding fit of the rotating piston on the guide ~~[[ring]]~~ rings.

14. (Previously Presented) A machine with a rotating piston, according to claim 10,  
wherein

the sliding means having elements that are mutually turned by 90°.

15. (Currently Amended) A machine with a rotating piston, according to claim 10, wherein  
the guide ~~ring is~~ rings are supported in the sidewall in a rotating way and in sliding way in  
a direction normal to the axis of the guide ring.